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SUBJ: SUBJECTIVE EVALUATION OF MISSION 4010

1. IN AS MUCH AS MISSION 4010 EXPERIENCED TECHNICAL DIFFICULTIES Grace (File) THE ACQUISITION OF PROGRAMMED TARGETS AFTER PASS D23 WERE PRECLUDED. HOWEVER, A TOTAL OF 130 FRAMES WERE RETRIEVED, COVERING APPROXIMATELY 70 TARGETS.

2. THE QUALITY OF THE PHOTOGRAPHY DOES NOT COMPARE FAVORABLY WITH THE KNOWN CAPABILITY OF THE SYSTEM, THOUGH IT APPEARS BETTER THAN THAT ACHIEVED ON MISSION 4001. ENLARGEMENTS UP TO FORTY DIAMETERS ARE BEING USED BY THE INTERPRETERS BUT A COMBINATION OF INFERIOR RESOLUTION AND POSSIBLE OVEREXPOSURE SOMEWHAT DEGRADES THE IMAGERY.

3. A TIME TRACK MALFUNCTION, COUPLED WITH A DEFECTIVE YAW SLIT AND LIMITED STELLAR/INDEX COVERAGE WILL MAKE IT EXTREMELY DIFFICULT TO EFFECTIVELY UTILIZE THE PHOTOGRAPHY TO ITS FULLEST EXTENT. THE PROGRAMMED STEREO COVERAGE ACHIEVED IS VERY GOOD, AND ENHANCES THE PHOTO INTERPRETATION OF THESE AREAS. SOME IMAGE STREAKING ALONG THE MAJOR AXIS OF THE FILM WAS NOTICED ON THE HIGH OBLIQUE PHOTOGRAPHY. A REPRESENTATIVE EXAMPLE OF THIS PROBLEM MAY BE FOUND ON PASS D06 FRAMES 5 AND 6.

4. DUAL PRINTING OF CERTAIN FRAMES WAS A GREAT ASSIST TO THE PHOTO INTERPRETERS IN THEIR EXPLOITATION OF THE PHOTOGRAPHY.

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